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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,946	07/11/2001	Shmuel Shaffer	062891.0542	9225

7590 07/12/2005

Baker Botts L.L.P.
Suite 600
2001 Ross Avenue
Dallas, TX 75201-2980

EXAMINER

PHAM, BRENDA H

ART UNIT PAPER NUMBER

2664

DATE MAILED: 07/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/902,946

Applicant(s)

SHAFFER ET AL.

Examiner

Brenda Pham

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 3,5-11,13,14-16,18-22,25-26,28-31,35-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 5-11 and 14-26 is/are allowed.
- 6) ☐ Claim(s) 3,13,22,28 and 35 is/are rejected.
- 7) ☐ Claim(s) 29-31 and 36-40 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 3, 5-11, 13-16, 18-22, 25, 26, 28-31, 35-40 are pending in the application.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 3, 13, 22, 28, 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Vance et al (US 6,411,605 B1).

Claims 3, 22, 28 and 35, Vance discloses a method for reserving a network resource for a multipoint conference, comprising: receiving a list of participants scheduled to participate in a conference; receiving a scheduled start time and estimated duration fro the conference; predicting a plurality of communication paths, each communication path corresponding to at least one of the participants; reserving the network resource along the communication paths for a predetermined period of time beginning at approximately the scheduled start time (column 2, lines 64-67 and column 4, lines 50-60).

Although Vance does not teach wherein the network resource comprises digital signal processor resources of a digital signal processor farm, it is well known in the art that "DSP farm" such as the Motorola MSC 8100 series Starcore DSPs is well known for

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significantly enhanced parallel processing speed for, inter alia, high speed real-time signal processing.

Therefore, it is well known in the art at the time of the invention was made to implement a digital signal processor farm in Vance.

Claim 13, Vance et al discloses a method for reserving a network resource for a multipoint conference, comprising: receiving a list of participants scheduled to participate in a conference; receiving a scheduled start time and estimated duration for the conference; predicting a plurality of communication paths, each communication path corresponding to at least one of the participants; reserving the network resource along the communication paths for a predetermined period of time beginning at approximately the scheduled start time (column 2, lines 64-67, column 4, line 50-60).

Although Vance et al does not teach communicating information regarding reserved network resources to a plurality of network nodes using the resource reservation protocol (RSVP), Resource reservation protocol is well known for engages network resources by establishing flows throughout the network. A flow is a network path associated with one or more senders. In multimedia transmission in an internet or an intranet for preferentially passing one-way data traffic of stream type of telephone or video conference on a connectionless IP protocol.

Therefore, it would have been obvious to those having ordinary skill in the art at the time of the invention was made to use RSVP in Vance et al.

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Allowable Subject Matter

4. Claims 5-11, 14-26 are allowed.
5. Claims 29-31, 36-40 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin, can be reached on (571) 272-3134.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

July 8, 2005

Brenda Pham

Brenda A. Pham